Docket: 14697

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor: Mark A. Robbins
Application
No.: Unknown
Filing Date: Herewith Examiner: Unknown
Title: Preconditioning a Wildlife Foraging Area Group Art Unit: Unknown

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR § 1.97(B)

Mail Stop PATENT APPLICATIONS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR § 1.97(b), the references listed on the attached Form PTO-1449 (4 sheets, submitted in duplicate) are brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. This IDS is being filed before the mailing of a first office action on the merits. In accordance with 37 CFR § 1.97(b), no statement or fee is required.

Copies of the references cited are not enclosed, as allowed under 37 CFR § 1.98(d). Each item on the enclosed Form PTO-1449 was cited to, or cited by, the Office in United States Patent Application 10/395,532, filed on March 24, 2003, to which priority to an earlier effective filing date is claimed under 35 U.S.C. § 120, in the present application.

Applicant submits herewith a copy of the article entitled, "Influence of Cattle Grazing on Elk Habitat Selection".

		DORSEY & WHITNEY LLP
		Customer Number 25763
Date:	7-23-03	By: 1. Wadef
		S. Wade Johnson (Reg. No. 50,873)
		Intellectual Property Department
		Suite 1500, 50 South Sixth Street
		Minneapolis, MN 55402-1498
		(612) 340-8835

Respectfully submitted,

PTO/SB/08A (10/01) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitut	e for	form 1449A	/PTO			Applic	cation Number	Unknown			
		<b></b>	<b>~</b>	1001 01							
				ISCLOS							
SI	ΑI	<b>EMEN</b>	I RA	APPLIC	JANT						
	(us	e as many	sheets	as necessaı	<b>y</b> )						
					,	Filing		Herewith			
						First I	Named Inventor	Mark Alan Robbins			
						Art Uı	nit	Unknown			
						Exam	iner Name	Unknown			
Sheet		1	of	4		Attorr	ney Docket Number	14697			
			<u></u>		U.S. PAT	ENT I	DOCUMENTS				_
'Examiner Initials	Cite No.	DOCU	JMENT N	UMBER	Publication		Name of Patente		Pages, Colum	nns, Line	s,
rtuais	NO.	Number -	Kind Cod	e (if known)	MM-DD-Y	YYY 	Applicant of Cited Do	ocument	Where Relevant Relevant Figu	Passage res Appe	es or ear
			31,520		09/1922		Michalski				
			801,609		08/1957		Webster	7877			
			259,106 500,795		07/1996 03/1970		Ray et al. Towlerton				
			338,336		03/19/0		Glabe et al.				
		,	784,086		11/1998	Hand et al.					
			526,773		06/1996		Richardson				
		L	622,739		04/1997	Benton et al.					
			637,312		06/1997	Tock et al.					
			758,598 117,458		06/1998		Rothert Morgan				
			153,230		11/2000		Corley, Jr.				
		US-					325,, 0				
		US-									
							IT DOCUMENTS				
*Examiner Initial	Cite No.	FOREIGN	PATENT	DOCUMENT	Publication D MM-DD-YY	م ا	Name of Patentee or applicant of Cited Document	Where Rele	olumns, Lines, evant Passages Figures Appear	TRANSLA	ATION
					i				• • • • • •		
		Country Code:		r - Kind Code known)							
		J. J	(11	MIOWII)						YES	NO
-			-					<u> </u>		<u> </u>	
									*		
								<del> </del>			-
		<b> </b>						<u> </u>		<del></del>	ļ
					<b> </b>			+	<del> </del>		<u> </u>
<u> </u>								<del></del>	- <del></del>		<u> </u>
				<del></del>	<b></b>						<u> </u>
EXAMINER SIGNATURE							ATE CONSIDERED				<u></u>
LAMINI			·				WIE CONSIDERED				

PTO/SB/08A (10/01) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for fo	orm 1449A/	PTO		Application Number	Unknown		
11.1505		- · · · D					
			ISCLOSURE				
SIAIL	-MENI	LBA	APPLICANT				
(use	as many	sheets	as necessary)				
				Filing Date	Herewith		
				First Named Inventor	Mark Alan Robbins		
				Art Unit	Unknown		
				Examiner Name	Unknown		
Sheet 2		of	4	Attorney Docket Number	14697		
	OTI	HER C	OCUMENTS - NON	-PATENT LITERATURE	DOCUMENTS		
*Examiner Cite Initials No.	II Ir			LETTERS), title of the article (when a symposium, catalog, etc.), date, pag		TRANSL	ATION
	<b>I</b>	ILETT (~		er, city and/or country where publishe			
			·			YES	ИО
			d Supplements brochure,				
	Beef NutriTech, New Tools to Distribute Grazing brochure						
	Crystaly	yx Bran	d Supplements, Dealer F	Reference Manual, BGF-30		1	
	Pasture	and Fo	rages Modifying livesto	ock grazing distribution by stra	stagic placement of		
				ailey and G.R. Welling, Monta			
	Havre, J	J. Anim	n. Sci. Vol. 76, Suppl. 1/J	J. Dairy Sci. Vol. 81, Suppl. 1	/1998, 740, pg. 191		
				sted Range, Leonard Roy Roat at 35(3), May 1982, pgs. 332-3			-
	<b>-∤</b>			land in Northeastern Oregon,			
				ange Management 37(6), Nove			
				tle Use on Semidesert Range, nagement 26(2), March 1973,			
	┨┣━━					<del>                                     </del>	
				<u>e Exclusion,</u> Larry D. Bryant, gs. 780-785, pgs. 780-785	Journal of Range		
			f Cattle Distribution, Der 1989, pgs. 159-161	rek W. Bailey and Larry R. R	ittenhouse, Rangelands		
	An Approach for Setting the Stocking Rate, Jerry L. Holechek, Rangelands 10(1), February 1988, pgs. 10-14						
Declining forage availability effects on utilization and community selection by cattle, Michael A. Smith, J. Daniel Rodgers, Jerrold L. Dodd, and Quentin D. Skinner, J. Range Manage, 45:391-395, July 1992							
EXAMINER SI	IGNATURE	E		DATE CONSIDERED		<del> </del>	
*EXAMINER: citation if not in	Initial if r	eferenc ance an	e considered, whether or	r not citation is in conformance copy of this form with next con	e with MPEP 609. Draw	line thr	ough

Substitu	te fo	r for	m 1449A/	PTO		Application Number	Unknown			
	ΆT	ΈΙ	MENT	ГВҮ	ISCLOSURE APPLICANT as necessary)					
						Filing Date	Herewith	_		
						First Named Inventor	Mark Alan Robbins			
						Art Unit	Unknown			
						Examiner Name	Elizabeth Shaw	Elizabeth Shaw		
Sheet		3		of	4	Attorney Docket Number	14697			
OTHER DOCUMENTS - NO						-PATENT LITERATURE	DOCUMENTS			
*Examiner Initials	Cite No.		Îr	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
		ı			······································	,,,,	-	YES	NO	
			Impacts of Cattle on Strambanks in Northeastern Oregon, J. Boone Kauffman, W.C. Krueger, and M. Vavra, Journal of Range Management 36(6), November 1983, pgs. 683-685							
	Livestock Impacts on Riparian Ecosystems and Streamside Management Implications A Review, J. Boone Kauffman and W.C. Krueger, Journal of Range Management 37(5), September 1984, pgs. 430-438									
					ng Utilization of Mount State University, Logan,	ain Slopes By Cattle, C. Wayı pgs. 200-204	ne Cook, Dept. of Range			
			Hardwo Forest S	od Ran Service	gelands, Neil K. McDou Gen. Tech. Rep. PSW-1		Dennis E. Jones, USDA			
					ge <u>ment,</u> John F. Vallenti ovo, Utah, 1990, pgs. 76-	ne, Professor of Range Science 105	ee, Brigham Young			
			Rangela 1973, p			Production, Hershel M. Bell,	University of Oklahoma,			
					rce Management, Allan s. 250-263	Savory, Library of Congress (	Cataloging-in-Publication			
			Managing Livestock Grazing on Meadows of California's Sierra Nevada, A Manager-User Guide, Univ. Calif., Div. Agric. & Nat. Resources Leaflet 21421, pgs. 1-9							
				An Inst	rument for Measuring th	orest and Range Experiment Some Utilization of Grasses, Ame				
			Guide,	Cooper		ows of California's Sierra New ity of California, Division of A				

PTO/SB/08A (10/01) (modified)
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

		0.3. Faterit and Trademark Office, 0.3. DET ATTIMENT OF COMMENCE				
		ies for Reducing Nonpoint Source Pollution and				
	Protecting Biodiversity", [on line], Copyright					
	URL: http://agronomy.ucdavis.edu/CALRNO	G/Project%20Descriptions/Practices.htm. (4pgs)				
EXAMINER S	IGNATURE	DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

Substitu	te fo	for	m 1449A/	/PTO		Application Number	Unknown		
	ΑT	ΈI	MENT	ГВҮ	ISCLOSURE APPLICANT as necessary)				
	(u	3C 6	as many	3116613	as riecessary)	Filing Date	Herewith		
						First Named Inventor	Mark Alan Robbins		
						Art Unit	Unknown		
						Examiner Name	Unknown	•	
Sheet		4		of	4	Attorney Docket Number	14697		-
	·	-	OT		<u> </u>	I-PATENT LITERATURE			
'Examiner Cite Include name of the author (in CAPITAL Initials No. Item (book, magazine, journal, serial,				nclude na	ime of the author (in CAPITAL book, magazine, journal, serial	LETTERS), title of the article (when	appropriate), title of the ge(s), volume-issue	TRANSI	ATION
					YES	NO			
	Warnert, Jeannette, "UC Scientists Use Observation to Study Cow Behavior", [on line], August 10, 1998, http://www.uckac.ed/press/pressreleases98/cowbehavior.htm (2pgs)								
						nment", [on line], August 18, 1 998/08/081898/cows17_2307			
						Grazing on Elk Habitat Selection ience, Vol. 52, 2001, (5pgs)	n, Proceedings, Western		
		$\exists$							

	PTO/SB/08A (10/01) (modified)				
	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE				
<u> </u>					
EXAMINER SIGNATURE	DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not of	citation is in conformance with MPEP 609. Draw line through				
citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					
citation in not in comornance and not considered. Include copy	of this form with next communication to applicant.				

PTO/SB/08A (10/01) (modified) U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO **Application Number** Unknown INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Filing Date Herewith First Named Inventor Mark Alan Robbins **Art Unit** Unknown **Examiner Name** Unknown **Attorney Docket Number** 14697 Sheet of 4 U.S. PATENT DOCUMENTS DOCUMENT NUMBER Pages, Columns, Lines, **Publication Date** Name of Patentee or tritials MM-DD-YYYY Where Relevant Passages or Applicant of Cited Document Number - Kind Code (if known) Relevant Figures Appear US-D61,520 09/1922 Michalski US-2,801,609 08/1957 Webster US-3,259,106 07/1996 Ray et al. US-3,500,795 03/1970 Towlerton US-4,338,336 07/1982 Glabe et al. US-4,784,086 11/1998 Hand et al. US-5,526,773 06/1996 Richardson US-5,622,739 04/1997 Benton et al. US-5,637,312 06/1997 Tock et al. US-5,758,598 06/1998 Rothert US-6,117,458 09/2000 Morgan US-6,153,230 11/2000 Corley, Jr. US-US-FOREIGN PATENT DOCUMENTS TRANSLATION FOREIGN PATENT DOCUMENT **Publication Date** Name of Patentee or Pages, Columns, Lines, No Applicant of Cited Document Where Relevant Passages MM-DD-YYYY or Relevant Figures Appear Country Number - Kind Code (if known) Code: YES NO **EXAMINER SIGNATURE** DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw lin through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitu	te fo	r for	m 1449A/	PTO		Application Number	Unknown				
INF	-OI	R۱	ЛАТІС	ON D	ISCLOSURE						
				-	APPLICANT						
					as necessary)						
	(Δ	00 (	ao many	37,0013	as necessary)	Filing Date	Herewith				
						First Named Inventor	Mark Alan Robbins				
						Art Unit	Unknown				
						Examiner Name	Unknown				
Sheet		2		- of	4						
						Attorney Docket Number	14697				
*Examiner	I ou-					N-PATENT LITERATURE					
initials	No.		l Ir	nclude na item (l	book, magazine, journal, serial	LETTERS), title of the article (when a symposium, catalog, etc.), date, page	ge(s), volume-issue	TRANSL	.ATION		
			number(s), publisher, city and/or country where published								
	<del> </del>	$\dashv$	Crystalyx Brand Supplements brochure, pgs. 1-15								
		$\dashv$									
			Beel M	Beef NutriTech, New Tools to Distribute Grazing brochure							
			Crystaly	yx Bran	d Supplements, Dealer I	Reference Manual, BGF-30					
						ock grazing distribution by stra					
						ailey and G.R. Welling, Mont	•				
		$\dashv$				J. Dairy Sci. Vol. 81, Suppl. 1 sted Range, Leonard Roy Roa		-			
						nt 35(3), May 1982, pgs. 332-3					
			Cattle I	Distribu	tion on Mountain Range	land in Northeastern Oregon,	R.L. Gillen, W.C.				
			Kruegei 553	r, and R	k.F. Miller, Journal of Ra	ange Management 37(6), Nove	ember 1984, pgs. 549-				
			Salt and	l Meal-	Salt Help Distribute Cat	tle Use on Semidesert Range,	S. Clark Martin and				
			Donald	E. War	d, Journal of Range Mar	nagement 26(2), March 1973,	pgs. 94-97				
			_		<u>-</u>	e Exclusion, Larry D. Bryant, gs. 780-785, pgs. 780-785	Journal of Range				
-					of Cattle Distribution, De 1989, pgs. 159-161	erek W. Bailey and Larry R. R	ittenhouse, Rangelands				
				n Approach for Setting the Stocking Rate, Jerry L. Holechek, Rangelands 10(1), February 988, pgs. 10-14							
			Michae	Declining forage availability effects on utilization and community selection by cattle, Michael A. Smith, J. Daniel Rodgers, Jerrold L. Dodd, and Quentin D. Skinner, J. Range Manage, 45:391-395, July 1992							
EXAMI	EXAMINER SIGNATURE DATE CONSIDERED										
*EXAM citation	EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through sitation if not in conformance and not considered. Include copy of this form with next communication to applicant.										

Substitu	te fo	r for	m 1449A/	PTO	-		Application Number	Unknown			
	ΑT	Έl	MENT	BY	ISCLOSI APPLICA as necessary)	ANT					
ı	,-				··-•,,,,		Filing Date	Herewith			
							First Named Inventor	Mark Alan Robbins			
						:	Art Unit	Unknown			
							Examiner Name	Elizabeth Shaw			
Sheet		3		of	4		Attorney Docket Number	14697		-	
			ОТ	HER C	OCUMENT	S - NON	I-PATENT LITERATURE	DOCUMENTS			
*Examiner Cite Include name of the author (in CAPITA Initials No. item (hook managing journal cori							LETTERS), title of the article (when symposium, catalog, etc.), date, pa		TRANSI	ATION	
				item (c			er, city and/or country where published			NO	
		_]		Y							
				npacts of Cattle on Strambanks in Northeastern Oregon, J. Boone Kauffman, W.C. Krueger, and M. Vavra, Journal of Range Management 36(6), November 1983, pgs. 683-685							
	-			Livestock Impacts on Riparian Ecosystems and Streamside Management Implications A							
				Review, J. Boone Kauffman and W.C. Krueger, Journal of Range Management 37(5), September 1984, pgs. 430-438							
					ng Utilization State Universit		ain Slopes By Cattle, C. Wayn pgs. 200-204	ne Cook, Dept. of Range			
			<u>Hardwo</u>	od Ran	gelands, Neil	K. McDou	s to Manage Cattle Use on Ri Igald, William E. Frost, and I 10, 1989, pgs. 124-126				
_					<u>ement,</u> John F vo, Utah, 1990		ne, Professor of Range Science 105	ce, Brigham Young			
			Rangela 1973, pg			Livestock l	Production, Hershel M. Bell,	University of Oklahoma,			
					rce Manageme s. 250-263	ent, Allan S	Savory, Library of Congress (	Cataloging-in-Publication			
			Managing Livestock Grazing on Meadows of California's Sierra Nevada, A Manager-User Guide, Univ. Calif., Div. Agric. & Nat. Resources Leaflet 21421, pgs. 1-9								
			Gauge,	J.S. Forest Service Rocky Mountain Forest and Range Experiment Station, 1980, Utilization Gauge, An Instrument for Measuring the Utilization of Grasses, American Slide-Chart Corp., Wheaton, Ill., 3 pgs.							
			Guide,	Cooper			ows of California's Sierra New ity of California, Division of A				

PTO/SB/08A (10/01) (modified)

		U.S. Patent and Trademark Office, U.S. DEPARTMENT OF	COMM	LINUE_		
	George, Melvin, et al., "Practices and Str	ategies for Reducing Nonpoint Source Pollution and				
	Protecting Biodiversity", [on line], Copyr		}			
	URL: http://agronomy.ucdavis.edu/CALI	RNG/Project%20Descriptions/Practices.htm. (4pgs)				
EXAMI	NER SIGNATURE	DATE CONSIDERED				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through						
citation	citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

Substitu	te fo	r for	m 1449A	PTO		Application Number	Unknown		
	ΑT	Έl	MENT	ΓВΥ	ISCLOSURE APPLICANT as necessary)	Filian Daha	Managaria		
						Filing Date	Herewith		
						First Named Inventor	Mark Alan Robbins		
_						Art Unit	Unknown		
						Examiner Name	Unknown		
Sheet		4		of	4	Attorney Docket Number	14697		
			OT	HER D	OCUMENTS - NON	I-PATENT LITERATURE	DOCUMENTS		,,
'Examiner   Cite   Include name of the author (in CAPITAL L item (book, magazine, journal, serial, number(s), publisher			oook, magazine, journal, serial		ge(s), volume-issue	TRANSI			
								YES	NO
			Warner 10, 199	t, Jeanr 8, http:/	nette, "UC Scientists Use //www.uckac.ed/press/pr	Observation to Study Cow Beessreleases98/cowbehavior.ht	ehavior", [on line], August Im (2pgs)		
						nment", [on line], August 18, 1 998/08/081898/cows17_2307			
			Crane, Section	K.K., et Americ	al., <u>Influence of Cattle G</u> an Society of Animal Sc	irazing on Elk Habitat Selectio ience, Vol. 52, 2001, (5pgs)	n, Proceedings, Western		
_									

		PTO/SB/08A (10/01) (modified) U.S. Patent and Trademark Offic; U.S. DEPARTMENT OF COMMERCE
EXAMINER SI	GNATURE	DATE CONSIDERED
		citation is in conformance with MPEP 609. Draw line through of this form with next communication to applicant.